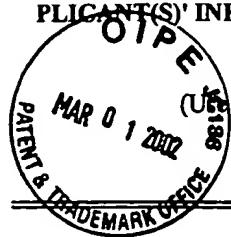


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## LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT(S)' INFORMATION DISCLOSURE STATEMENT



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APPLICANT(s): Thom et al.

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## U.S. PATENT DOCUMENTS

EXAM'R INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
REF		5,128,170	07/1992	Matsuda et al.			
REF		5,512,474	04/1996	Clapper et al.			
REF		5,593,814	01/1997	Matsuda et al.			
REF		5,776,748	07/1998	Singhvi et al.			
REF		5,512,329	04/1996	Guire et al.			

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
REF		WO 97/18904	05/1997	International				
REF		WO 97/46590	12/1997	International				
REF		WO 98/23306	06/1998	International				
REF		WO 98/47948	10/1998	International				
REF		WO 98/00457	01/1998	International				
REF		WO 99/48975	09/1999	International				

## OTHER DOCUMENTS (Include Author, Title, Date, Pertinent Pages, etc.)

REF		Zhang et al., "Proteins and cells on PEG immobilized silicon surfaces," Biomaterials 19, pp. 953-960 (January 1988)
REF		Desai & Hubbell, "Solution technique to incorporate polyethylene oxide and other water-soluble polymers into surfaces of polymeric biomaterials," Biomaterials Vol. 12, pp. 144-153 ( March 1991)
REF		Desai & Hubbell, "Biological responses to polyethylene oxide modified polyethylene terephthalate surfaces, Journal of Biomedical Materials Research, Vol. 25, pp829-843 (1991)
REF		Sofia et al., "Poly(ethylene oxide) Grafted to Silicon Surfaces: Grafting Density and Protein Adsorption," Macromolecules Vol. 31, pp. 5059-5070 (July 1998)
REF		Litauzski et al., "Surfaces modified with PEO by the Williamson reaction and their affinity for proteins," Journal of Biomedical Materials Research, Vol. 35, pp. 1-8 (1997)

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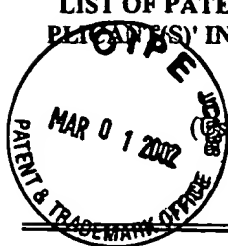
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EXAM'R INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
REZ		4,973,493	11/1990	Guire			
REZ		5,217,492	06/1993	Guire et al.			
REZ		5,263,992	11/1993	Guire			
REZ		5,741,881	04/1998	Patnaik			
REZ		5,330,911	07/1994	Hubbell			

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
REZ		EP 633 031	01/1995	Europe				

## OTHER DOCUMENTS (Include Author, Title, Date, Pertinent Pages, etc.)

REZ		Hsiue et al., "Platelet adhesion and cellular interaction with poly(ethylene oxide) immobilized onto silicone rubber membrane surfaces," Journal of Biomaterials Science Polymer Edn., Vol. 7, No. 10, pages 839-855 (1996)
REZ		Park et al., "Integration of surface modification and 3D fabrication techniques to prepare patterned poly(L-lactide) substrates allowing regionally selective cell adhesion," J. of Biomaterials Science Polymer Edn., Vol. 9, No. 2, pages 89-110 (1998)
REZ		Roberts et al., "Using Mixed Self-Assembled Monolayers Presenting RGD and (EG) <sub>3</sub> OH Groups To Characterize Long-Term Attachment of Bovine Capillary Endothelial Cells to Surfaces, J. Am. Chem. Soc. V. 120, pp. 6548-6555 ( June 1998)
REZ		Tziampazis et al., "PEG-variant biomaterials as selectively adhesive protein templates: model surfaces for controlled cell adhesion and migration," Biomaterials Vol. 21, pp. 511-520 (2000)
REZ		DeFife et al., "Photochemically immobilized polymer coatings: effects on protein adsorption, cell adhesion, and leukocyte activation," J. Biomaterial Sciences Polymer Edn., Vol. 10, No. 10, pp. 1063-1074 (1999)

EXAMINER

DATE CONSIDERED

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## OTHER DOCUMENTS (Include Author, Title, Date, Pertinent Pages, etc.)

REZ		Devanand et al., "Asymptotic Behavior and Long-Range Interactions in Aqueous Solutions of Poly(ethylene oxide)," Macromolecules 24, pp. 5943-5947 (1991)
REZ		Harris, "Introduction to Biotechnical and Biomedical Applications of Poly(Ethylene Glycol)," Poly(Ethylene Glycol) Chemistry: Biotechnical and Biomedical Applications, Plenum Press (1992), pp. 1-13
REZ		Luckham, "Recent advances in polymers at surfaces: the steric effect," Colloid & Interface Science 1:39-47 (1996)
REZ		Noh et al., "Chemical modification and photograft polymerization upon expanded poly(tetrafluoroethylene)," J. Biomedical Sci. Polymer Edn., Vol. 9, No. 5, pp. 407-426 (1998)
REZ		Herbert et al., "Micropatterning gradients and controlling surface densities of photoactivatable biomolecules on self-assembled monolayers of oligo(ethylene glycol) alkanethiolates," Chemistry & Biology, 4:731-737 (October 1997)
REZ		Wesslén et al., "Protein adsorption of poly(ether urethane) surfaces modified by amphiphilic and hydrophilic polymers," Biomaterials Vol. 15, No. 4, pp. 278-284 (1994)
REZ		Thom et al., "Optimizing Cell-Surface Interactions by Photografting of Poly(ethylene glycol)," American Chemical Society, 2000
REZ		Gombotz et al., "Protein adsorption to poly(ethylene oxide) surfaces," Journal of Biomedical Materials Research, Vol. 25, pp. 1547-1562 (1991)

EXAMINER

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						YES	NO

## OTHER DOCUMENTS (Include Author, Title, Date, Pertinent Pages, etc.)

		DeFife et al., "Effects of photochemically immobilized polymer coatings on protein adsorption, cell adhesion, and the foreign body reaction to silicone rubber," J. Biomedical Materials Research, Vol. 44, pp. 298-307 (1999)
REF		Bergström et al., "Reduction of fibrinogen adsorption on PEG-coated polystyrene surfaces," Journal of Biomedical Materials Research, Vol. 26, pp. 779-790 (1992)
REF		Thom, "Membrane-Solute Interaction in Microporous Polymer Membranes," Ph.D. Thesis, Danmarks Tekniske Universitet 1999

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